

AMENDED CLAIMS

What I claim is:

1. A fluid wheel generator comprising:
 - a) A first fluid wheel and generator pair mounted on a first vertical axle for rotation about a vertical axis,
 - b) A second fluid wheel and generator pair mounted on a second vertical axle for co-rotation with said first fluid wheel and generator pair about said first vertical axis,
 - c) Said second vertical axle adapted for rotation about said first vertical axle,
 - d) Said first and second fluid wheels mounted for immersion in a stream of moving fluid,
 - e) Said first and second generators mounted in or above said moving stream of fluid.
- 15 2. A fluid wheel generator as claimed in claim 1 wherein each of said wheels further comprise a central hub and a plurality of paddles for engaging the said stream of moving fluid.
3. A fluid wheel generator as claimed in claim 2 wherein each of said paddles is mounted to said central hub for rotation about a paddle vertical axis from a closed to an open and fluid engaging position.
- 20 4. A fluid wheel generator as claimed in claim 1 wherein said fluid is water.

5. A fluid wheel generator as claimed in claim 4 wherein each of said wheels further comprise a central hub and a plurality of paddles for engaging
25 the said stream of moving fluid.
6. A fluid wheel generator as claimed in claim 5 wherein each of said paddles is mounted to said central hub for rotation about a paddle vertical axis from a closed to an open and fluid engaging position.
7. A water wheel generator as claimed in claim 6 wherein said
30 generators are both mounted above said moving stream of water.
8. A fluid wheel generator as claimed in claim 1 wherein said fluid is air and said first and second wheel and generator pairs extend generally vertically above said generators.
9. A fluid wheel generator as claimed in claim 8 wherein each of said
35 wheels further comprise a central hub and a plurality of paddles for engaging the said stream of moving fluid.
10. A fluid wheel generator as claimed in claim 9 wherein each of said paddles is mounted to said central hub for rotation about a paddle vertical axis from a closed to an open and fluid engaging position.